

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A method of assigning time slots, the method comprising:

assigning a first time slot to a particular wireless transmit/receive unit (WTRU);

summing weighted signal interference, code usage and channel spread values associated with the particular WTRU to generate a first combined score;

determining a slot assignment rank for the particular WTRU by ~~comparing a comparing the~~ first combined score generated based on a sum of weighted signal interference, code usage and channel spread values associated with the particular WTRU to other combined scores associated with other respective WTRUs; and

assigning a second time slot to the particular WTRU based on the slot assignment rank.

Claims 2-14 (canceled)

15. (previously presented): A base station for assigning time slots, the base station comprising:

a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a particular wireless transmit/receive unit (WTRU) currently assigned to a first time slot;

a summer configured to add the weighted values to generate a first combined score associated with the particular WTRU;

a slot ranking device configured to determine a slot assignment rank for the particular WTRU by comparing the first combined score to other combined scores associated with other respective WTRUs; and

a slot prioritizer for assigning a second time slot to the particular WTRU based on the slot assignment rank.

Claims 16 and 17 (canceled)

18. (previously presented): A wireless transmit/receive unit (WTRU) for assigning time slots, the WTRU comprising:

a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a first communication station currently assigned to a first time slot;

a summer configured to add the weighted values to generate a first combined score associated with the first communication station;

a slot ranking device configured to determine a slot assignment rank for the first communication station by comparing the first combined score to other combined scores associated with other respective communication stations; and

a slot prioritizer for assigning a second time slot to the first communication station based on the slot assignment rank.

Claims 19 and 20 (canceled)

21. (previously presented): An integrated circuit (IC) for assigning time slots, the IC comprising:

a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a first communication station currently assigned to a first time slot;

a summer configured to add the weighted values to generate a first combined score associated with the first communication station;

a slot ranking device configured to determine a slot assignment rank for the first communication station by comparing the first combined score to other combined scores associated with other respective communication stations; and

a slot prioritizer for assigning a second time slot to the first communication station based on the slot assignment rank.

Claims 22 and 23 (canceled)